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DERWENT-WEEK: 200460

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TITLE: Device for coloring compact in multicolored pattern

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PATENT-ASSIGNEE: CHOI D P [CHOI I]

PRIORITY-DATA: 2002KR-0001515 (January 10, 2002)

PATENT-FAMILY:

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KR <u>2003061129</u> A	July 18, 2003	N/A
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APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
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KR2003061129A	N/A	2002KR-0001515
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ABSTRACTED-PUB-NO: KR2003061129A

BASIC-ABSTRACT:

NOVELTY - Provided is a device for coloring a compact in multicolored pattern, which can paint a surface of compact that is solid cosmetic composition, in multicolored, various shaped patterns, and thus maximize a merchantability of the compact and mass-produce the compact.

DETAILED DESCRIPTION - The device comprises a pallet guide part

positioned on a  
substrate(10); a fixing part for pattern plate(21) comprising  
stepwise pattern  
plate(22); a stepwise color applicator(31) comprising a spray nozzle  
and a  
liquid pigment storage tank(33); a pallet elevator for elevating a  
pallet(12) (in which semi-finished compact(100) is accepted),  
contacting the  
pallet(12) with lower part of the pattern plate(22), and returning  
the  
pallet(12) after spray-coloring a colored pigment on the top surface  
of the  
compact(100) by using the spray nozzle; a finished product outlet(51)  
for  
discharging a colored finished compact(100') at its one side and  
transporting  
the compact(100') to packing position; and a return conveyor(61) for  
returning  
an empty pallet(12) (after the finished compact(100') is discharged)  
from an  
ending terminal to a beginning terminal in the pallet guide part.

CHOSEN-DRAWING: Dwg.1/10

TITLE-TERMS: DEVICE COLOUR COMPACT MULTICOLOUR PATTERN

DERWENT-CLASS: P42

